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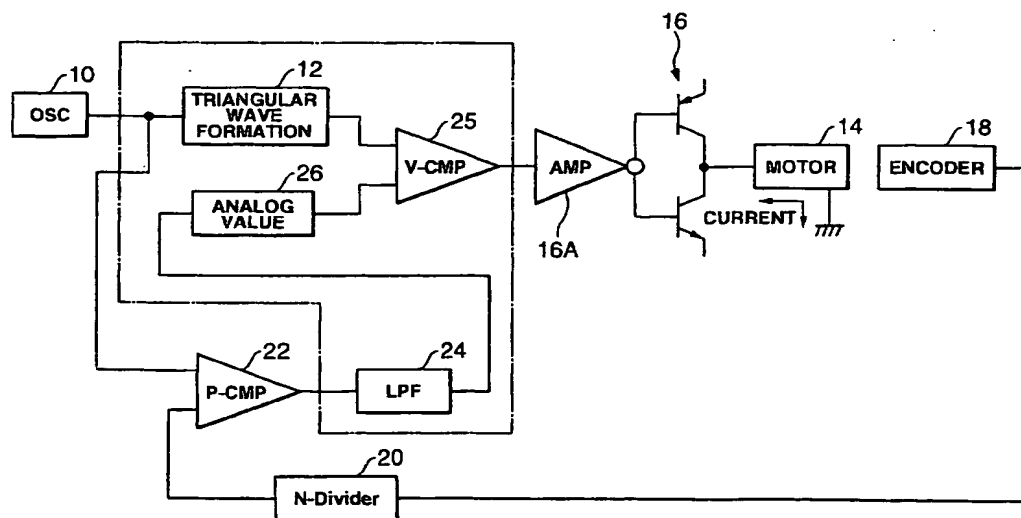
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(54) Title: DISPLACEMENT CONTROL SYSTEM FOR A VEHICLE AXLE



(57) Abstract: Provided is a motor control circuit in which the circuit structure is not complicated, which has a favorable response to the phase difference signal, and in which the signal variation caused by heat is small. This rotation control circuit of a motor includes: a PWM control circuit of the motor; a rotational speed sensor of the motor; a reference signal generation circuit 10; a phase comparing circuit; and a divider for dividing the detected rotational speed signal of the motor; wherein the phase difference between the signal from the divider and the signal based on the reference signal is sought with the phase comparing unit, and this phase difference signal is supplied to the PWM control circuit.